

## GILA RIVER BASIN

### 09498501 PINTO CREEK BELOW HAUNTED CANYON NEAR MIAMI, AZ

**LOCATION**--Lat 33° 25'07", long 111° 00'32", in SE<sub>1/4</sub>NE<sub>1/4</sub>, sec. 23, T.1 N., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 3/4 mi downstream from Haunted Canyon, in Tonto National Forest, in Gila County, approximately 8 mi west northwest of Miami, AZ.

**DRAINAGE AREA**--37.3 mi<sup>2</sup>, from topographic map.

**PERIOD OF RECORD**--Oct. 1995 to current year.

**GAGE**--Water-stage recorder. Control is a 90° v-notch, since Aug. 26, 1996. Elevation of gage is 3,180 ft above sea level, from topographic map.

**REMARKS**--No estimated daily discharges. Records good. Some flows affected by pumpage from upstream wells.

**EXTREMES FOR PERIOD OF RECORD**--Maximum discharge, 822 ft<sup>3</sup>/s, Feb. 28, 1997, at gage height 8.01 ft, recorded at gage. Minimum daily discharge, no flow for many days for the period July 2002 through Sept. 2002.

**EXTREMES FOR CURRENT YEAR**--Peak discharges greater than base discharge of 100 ft<sup>3</sup>/s and (or) maximum (\*):

Date	Time	Discharge (ft <sup>3</sup> /s)	Gage height (ft)
Dec. 12 .....	1600	*0.61	*3.12

Minimum daily discharge, no flow for many days.

#### DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.15	0.15	0.25	0.46	0.45	0.41	0.43	0.29	0.09	0.02	0.01	0.00
2	0.15	0.15	0.25	0.46	0.46	0.41	0.43	0.28	0.09	0.02	0.01	0.00
3	0.15	0.15	0.26	0.45	0.45	0.40	0.42	0.27	0.09	0.02	0.01	0.00
4	0.15	e0.15	0.31	0.44	0.46	0.40	0.41	0.26	0.09	0.03	0.02	0.00
5	0.14	e0.15	0.31	0.44	0.46	0.41	0.41	0.25	0.08	0.02	0.02	0.00
6	0.15	e0.15	0.31	0.44	0.45	0.40	0.43	0.24	0.08	0.02	0.02	0.00
7	0.16	0.15	0.32	0.44	0.45	0.41	0.41	0.23	0.07	0.02	0.01	0.00
8	0.16	0.15	0.34	0.44	0.46	0.47	0.41	0.22	0.07	0.02	0.01	0.00
9	0.15	0.15	0.36	0.45	0.45	0.49	0.40	0.22	0.07	0.02	0.01	0.02
10	0.15	0.15	0.38	0.46	0.44	0.52	0.40	0.21	0.07	0.02	0.01	0.02
11	0.14	0.16	0.43	0.45	0.44	0.51	0.39	0.20	0.07	0.02	0.01	0.02
12	0.14	0.16	0.57	0.45	0.44	0.50	0.39	0.20	0.07	0.01	0.00	0.01
13	0.14	0.17	0.60	0.46	0.44	0.48	0.38	0.19	0.06	0.01	0.00	0.01
14	0.13	0.17	e0.55	0.47	0.44	0.48	0.38	0.18	0.06	0.01	0.00	0.01
15	0.13	0.17	e0.55	0.46	0.44	0.46	0.37	0.18	0.06	0.01	0.00	0.00
16	0.13	0.17	e0.50	0.46	0.44	0.46	0.39	0.17	0.06	0.01	0.00	0.00
17	0.13	0.17	e0.50	0.46	0.44	0.45	0.37	0.17	0.05	0.01	0.00	0.00
18	0.13	0.18	e0.50	0.46	0.44	0.46	0.37	0.16	0.05	0.01	0.00	0.00
19	0.13	0.17	0.47	0.45	0.44	0.45	0.36	0.14	0.04	0.01	0.00	0.00
20	0.13	0.17	0.48	0.46	0.44	0.45	0.36	0.13	0.04	0.01	0.00	0.00
21	0.13	0.18	0.49	0.44	0.44	0.45	0.36	0.13	0.04	0.01	0.00	0.00
22	0.13	0.18	0.48	0.44	0.44	0.45	0.34	0.13	0.04	0.01	0.00	0.00
23	0.14	0.18	0.47	0.44	0.44	0.45	0.33	0.12	0.04	0.02	0.00	0.00
24	0.14	0.19	0.48	0.44	0.43	0.44	0.32	0.12	0.04	0.02	0.00	0.00
25	0.14	0.19	0.48	0.44	0.43	0.44	0.31	0.12	0.03	0.01	0.00	0.00
26	0.14	0.20	0.48	0.44	0.41	0.44	0.31	0.12	0.03	0.01	0.00	0.00
27	0.14	0.21	0.49	0.44	0.42	0.43	0.32	0.12	0.03	0.01	0.00	0.00
28	0.15	0.21	0.48	0.44	0.41	0.44	0.31	0.11	0.03	0.01	0.00	0.00
29	0.15	0.22	0.48	0.44	---	0.45	0.31	0.11	0.03	0.00	0.00	0.00
30	0.15	0.24	0.47	0.45	---	0.45	0.29	0.11	0.03	0.00	0.00	0.00
31	0.15	---	0.46	0.46	---	0.44	---	0.09	---	0.00	0.00	---
TOTAL	4.40	5.19	13.50	13.91	12.35	13.90	11.11	5.47	1.70	0.39	0.07	0.07
MEAN	0.142	0.173	0.435	0.449	0.441	0.448	0.370	0.176	0.057	0.013	0.002	0.002
MAX	0.16	0.24	0.60	0.47	0.46	0.52	0.43	0.29	0.09	0.03	0.02	0.02
MIN	0.13	0.15	0.25	0.44	0.41	0.40	0.29	0.09	0.03	0.00	0.00	0.00
AC-FT	8.7	10	27	28	24	28	22	11	3.4	0.8	0.1	0.1
CFSM	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00

#### STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 2002, BY WATER YEAR (WY)

MEAN	0.873	2.589	0.967	2.647	9.362	5.791	3.295	0.385	0.115	0.361	0.540	0.197
MAX	5.44	16.9	3.66	11.3	38.3	15.4	9.73	0.84	0.29	0.99	1.35	0.65
(WY)	2001	2001	1998	1997	1998	2001	2001	1998	1998	1999	1999	1999
MIN	0.058	0.11	0.23	0.30	0.41	0.45	0.37	0.17	0.026	0.013	0.002	0.002
(WY)	1998	1998	1997	1996	2000	2002	2002	2000	1996	2002	2002	2002

SUMMARY STATISTICS	FOR 2001 CALENDAR YEAR	FOR 2002 WATER YEAR	WATER YEARS 1996 - 2002
ANNUAL TOTAL	1334.80	82.06	
ANNUAL MEAN	3.657	0.225	2.215
HIGHEST ANNUAL MEAN			5.52 2001
LOWEST ANNUAL MEAN			0.22 2002
HIGHEST DAILY MEAN	85 Apr 6	0.60 Dec 13	355 Feb 28 1997
LOWEST DAILY MEAN	0.07 Jul 19	0.00 Jul 15	0.00 Jul 15 2002
ANNUAL SEVEN-DAY MINIMUM	0.07 Jul 18	0.00 Jul 28	0.00 Jul 28 2002
ANNUAL RUNOFF (AC-FT)	2650	163	1600
ANNUAL RUNOFF (CFSM)	0.098	0.006	0.059
10 PERCENT EXCEEDS	10	0.46	2.7
50 PERCENT EXCEEDS	0.39	0.17	0.27
90 PERCENT EXCEEDS	0.12	0.00	0.04

e Estimated